

METHOD, SYSTEM, AND APPARATUS FOR INCREMENTAL DESIGN IN
PROGRAMMABLE LOGIC DEVICES USING FLOORPLANNING

ABSTRACT

A method of designing a programmable logic device can include receiving a modification to a programmable logic device that has been floorplanned. Modules of the programmable logic device that have been changed by the modification can be identified. The changed modules can be floorplanned thereby determining a placement solution that does not violate boundaries of unchanged modules. The programmable logic device then can be placed and routed.